

## Amide derivatives of thienopyrroles, their preparation and application as drugs

Patent Number: ES2081747  
 Publication date: 1996-03-01  
 Inventor(s): FRIGOLA CONSTANSA JORDI (ES); TORRENS JOVER ANTONIO (ES); MAS PRIO JOSE (ES)  
 Applicant(s): ESTEVE LABOR DR (ES)  
 Requested Patent: ☐ ES2081747  
 Application Number: ES19930001917 19930907  
 Priority Number(s): ES19930001917 19930907  
 IPC Classification: C07D495/04; A61K31/40; C07D243/24; C07D243/12; C07D209/20  
 EC Classification:  
 Equivalents:

### Abstract

Amide derivatives of thienopyrroles, their preparation and application as drugs. Compounds of general formula (I) where X1 and X2, which are different, correspond to either carbon or sulphur, R1 represents compounds of formula (Ia) or (Ib), R2 is hydrogen or C1-C6 alkyl, R3 and R4 are either hydrogen, alkyl, halogen, hydroxyl, alkoxy, cyano or nitro, R5 is hydrogen, C1-C6 alkyl, aryl, aralkyl, alkoxy carbonyl, phenylalkyloxy carbonyl, alkylsulphonyl, phenylsulphonyl, alkyloxyalkyl or hydroxycarbonylalkyl, R6 is hydrogen, C1-C6 alkyl, hydroxycarbonylalkyl, alkoxy carbonyl or alkoxy carbonylalkyl, R7 is hydrogen, alkoxy or halogen, R8 is 3-indolylmethyl, hydroxycarbonylalkyl or benzyloxy carbonylalkyl, R9 is hydroxyl or nitrogen combined with R10 and R11, R10 and R11 are independently hydrogen, C1- C6 alkyl, preferably n-pentyl or hydroxycarbonylalkyl, -Z1, Z2 represent C=N- or N-C=O. Their process of preparation comprises reacting carboxyl derivatives with racemic amines in anhydrous or hydrated organic solvents. Their physiologically acceptable salts are used as drugs intended for the treatment of intestinal malfunctions, among other things.



Data supplied from the esp@cenet database - I2